REMARKS

This amendment is submitted in response to the Final Office Action, dated April 30, 2007, and the Advisory Action, dated June 27, 2007. Reconsideration and allowance of the claims are requested. In this response, Applicant has reviewed and amended all the pending claims to deal with the issues raised in the Office Action and the comments attached to the Advisory Action.

Specifically, referring to the Advisory Action, the Examiner argues at point 1 that multiple processors operating to execute a single application is not recited in the claim language. Therefore, the claims have been amended to clearly recite this limitation, which is not shown in either of the references.

At point 2, the Examiner urges that Hvostov teaches a script, that contains a map of sequences that occur during the execution of a task. However, as previously argued at page 6 of the response to the Final Office Action, the targets 22 of the BAS server 26 in Hvostov are operating separately to request bandwidth allocation and are being answered by the BAS server 26 based on multiple history stores. There is no cooperation between the individual targets 22 to which the BAS server 26 makes allocations. Hvostov has no teaching similar to the limitations in the present claims, which recite that a single dedicated processor dynamically allocates resources at execution time to optimize execution of an application among multiple processors using the various resources.
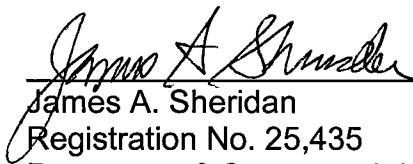
The Examiner argues at point 3 that a script being stored on a dedicated processor is not recited in the claim language. This limitation has now been incorporated in the independent claims and clearly distinguishes the claims from the references. The references do not teach interaction among the target units to complete an application. Further, there is no script provided to a dedicated processor where the script contains an advance map of sequences to occur among the various processors in either reference, as recited in the amended claims.

At point 4, there is no teaching in either reference of a dedicated processor that parses the advance script to allocate multiple resources, as needed, in the execution of

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an application. Thus, it would not have been obvious to combine the references to achieve the invention recited and claimed herein.

In view of the amendments and distinctions made herein, reconsideration and allowance of the claims are respectfully requested.

Respectfully submitted,

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